


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	METHOD OF FABRICATING A BOTTLE SHAPED DEEP TRENCH FOR TRENCH CAPACITOR DRAM DEVICES																																																																																																																														
Submission Type :	Utility Patent Filing																																																																																																																														
Application Number:	10/605679																																																																																																																														
EFS ID:	49437																																																																																																																														
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>2678</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2678																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	2678																																																																																																																														
First Named Applicant:	Yi-Nan Chen																																																																																																																														
Attorney Docket Number:	NTCP0024USA																																																																																																																														
Timestamp:	2003-10-17 02:55:16 EDT																																																																																																																														
From:	us																																																																																																																														
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-power-of-attorney-grant</td><td>NTCP0024-uspoat.xml</td><td>989</td><td>2003-10-17</td></tr><tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2003-10-17</td></tr><tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xsl</td><td>12448</td><td>2003-10-17</td></tr><tr><td>us-assignment</td><td>NTCP0024-usassn.xml</td><td>1483</td><td>2003-10-17</td></tr><tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2003-10-17</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-10-17</td></tr><tr><td>us-assignment</td><td>NTCP0024ASS1.tif</td><td>52520</td><td>2003-10-17</td></tr><tr><td>us-request</td><td>NTCP0024-usrequ.xml</td><td>1367</td><td>2003-10-17</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-10-17</td></tr><tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2003-10-17</td></tr><tr><td>us-fee-sheet</td><td>NTCP0024-usfees.xml</td><td>2026</td><td>2003-10-17</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2003-10-17</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2003-10-17</td></tr><tr><td>us-declaration</td><td>NTCP0024-usdecl.xml</td><td>653</td><td>2003-10-17</td></tr><tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2003-10-17</td></tr><tr><td>us-declaration</td><td>us-declaration.xsl</td><td>10015</td><td>2003-10-17</td></tr><tr><td>us-power-of-attorney-grant</td><td>NTCP0024DEC1.tif</td><td>38686</td><td>2003-10-17</td></tr><tr><td>us-declaration</td><td>NTCP0024DEC2.tif</td><td>16774</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>NTCP0024-trans.xml</td><td>21889</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-10-17</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-10-17</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-power-of-attorney-grant	NTCP0024-uspoat.xml	989	2003-10-17	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-10-17	us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-10-17	us-assignment	NTCP0024-usassn.xml	1483	2003-10-17	us-assignment	us-assignment.xsl	8983	2003-10-17	us-assignment	us-assignment.dtd	10898	2003-10-17	us-assignment	NTCP0024ASS1.tif	52520	2003-10-17	us-request	NTCP0024-usrequ.xml	1367	2003-10-17	us-request	us-request.dtd	19064	2003-10-17	us-request	us-request.xsl	33300	2003-10-17	us-fee-sheet	NTCP0024-usfees.xml	2026	2003-10-17	us-fee-sheet	us-fee-sheet.xsl	24912	2003-10-17	us-fee-sheet	us-fee-sheet.dtd	11069	2003-10-17	us-declaration	NTCP0024-usdecl.xml	653	2003-10-17	us-declaration	us-declaration.dtd	3833	2003-10-17	us-declaration	us-declaration.xsl	10015	2003-10-17	us-power-of-attorney-grant	NTCP0024DEC1.tif	38686	2003-10-17	us-declaration	NTCP0024DEC2.tif	16774	2003-10-17	application-body	NTCP0024-trans.xml	21889	2003-10-17	application-body	us-application-body.xsl	83497	2003-10-17	application-body	application-body.dtd	49498	2003-10-17	application-body	wipo.ent	4956	2003-10-17	application-body	mathml2.dtd	54588	2003-10-17	application-body	mathml2-qname-1.mod	13225	2003-10-17	application-body	isoamsa.ent	5191	2003-10-17	application-body	isoamsb.ent	3988	2003-10-17	application-body	isoamsc.ent	1460	2003-10-17	application-body	isoamsn.ent	5620	2003-10-17	application-body	isoamso.ent	1934	2003-10-17	application-body	isoamsr.ent	7073	2003-10-17
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-power-of-attorney-grant	NTCP0024-uspoat.xml	989	2003-10-17																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-10-17																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-10-17																																																																																																																												
us-assignment	NTCP0024-usassn.xml	1483	2003-10-17																																																																																																																												
us-assignment	us-assignment.xsl	8983	2003-10-17																																																																																																																												
us-assignment	us-assignment.dtd	10898	2003-10-17																																																																																																																												
us-assignment	NTCP0024ASS1.tif	52520	2003-10-17																																																																																																																												
us-request	NTCP0024-usrequ.xml	1367	2003-10-17																																																																																																																												
us-request	us-request.dtd	19064	2003-10-17																																																																																																																												
us-request	us-request.xsl	33300	2003-10-17																																																																																																																												
us-fee-sheet	NTCP0024-usfees.xml	2026	2003-10-17																																																																																																																												
us-fee-sheet	us-fee-sheet.xsl	24912	2003-10-17																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2003-10-17																																																																																																																												
us-declaration	NTCP0024-usdecl.xml	653	2003-10-17																																																																																																																												
us-declaration	us-declaration.dtd	3833	2003-10-17																																																																																																																												
us-declaration	us-declaration.xsl	10015	2003-10-17																																																																																																																												
us-power-of-attorney-grant	NTCP0024DEC1.tif	38686	2003-10-17																																																																																																																												
us-declaration	NTCP0024DEC2.tif	16774	2003-10-17																																																																																																																												
application-body	NTCP0024-trans.xml	21889	2003-10-17																																																																																																																												
application-body	us-application-body.xsl	83497	2003-10-17																																																																																																																												
application-body	application-body.dtd	49498	2003-10-17																																																																																																																												
application-body	wipo.ent	4956	2003-10-17																																																																																																																												
application-body	mathml2.dtd	54588	2003-10-17																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2003-10-17																																																																																																																												
application-body	isoamsa.ent	5191	2003-10-17																																																																																																																												
application-body	isoamsb.ent	3988	2003-10-17																																																																																																																												
application-body	isoamsc.ent	1460	2003-10-17																																																																																																																												
application-body	isoamsn.ent	5620	2003-10-17																																																																																																																												
application-body	isoamso.ent	1934	2003-10-17																																																																																																																												
application-body	isoamsr.ent	7073	2003-10-17																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isogr3.ent	3559	2003-10-17
application-body	isomfrk.ent	4553	2003-10-17
application-body	isomopf.ent	2571	2003-10-17
application-body	isomscr.ent	4628	2003-10-17
application-body	isotech.ent	5268	2003-10-17
application-body	isobox.ent	3568	2003-10-17
application-body	isocyr1.ent	5345	2003-10-17
application-body	isocyr2.ent	2504	2003-10-17
application-body	isodia.ent	1508	2003-10-17
application-body	isolat1.ent	5282	2003-10-17
application-body	isolat2.ent	9007	2003-10-17
application-body	isonum.ent	5913	2003-10-17
application-body	isopub.ent	6621	2003-10-17
application-body	mmlextra.ent	7901	2003-10-17
application-body	mmalias.ent	38209	2003-10-17
application-body	soextblx.dtd	12870	2003-10-17
application-body	Ntcp0024usa-01.tif	1934	2003-10-17
application-body	Ntcp0024usa-02.tif	3122	2003-10-17
application-body	Ntcp0024usa-03.tif	3024	2003-10-17
application-body	Ntcp0024usa-04.tif	4558	2003-10-17
application-body	Ntcp0024usa-05.tif	5512	2003-10-17
application-body	Ntcp0024usa-06.tif	3824	2003-10-17
application-body	Ntcp0024usa-07.tif	4008	2003-10-17
application-body	Ntcp0024usa-08.tif	2958	2003-10-17
application-body	Ntcp0024usa-09.tif	2892	2003-10-17
package-data	NTCP0024-pkda.xml	9933	2003-10-17
package-data	package-data.dtd	27025	2003-10-17
package-data	us-package-data.xsl	19263	2003-10-17
Total files size		714222	

Message Digest:

ee65c9f98acedff8f3468aaa66adf74b1d45f737

Digital Certificate Holder
Name:

cn=Winston Hsu,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US